

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025852.D
 Acq On : 04 Aug 2018 04:31
 Operator : MD/SY
 Sample : J4340-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F88

Quant Time: Aug 04 06:35:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 04 04:39:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	315506	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	281143	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	121712	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71406	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.28%
7) Chloroethane-d5	1.68	69	60827	40.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.88%
11) 1,1-Dichloroethene-d2	2.27	63	114767	30.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.22%
21) 2-Butanone-d5	4.18	46	128840	92.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.65%
24) Chloroform-d	4.65	84	166243	41.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.88%
26) 1,2-Dichloroethane-d4	5.31	65	116339	43.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.70%
32) Benzene-d6	5.35	84	317898	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.18%
36) 1,2-Dichloropropane-d6	6.34	67	101429	43.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.32%
41) Toluene-d8	7.57	98	281253	40.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.34%
43) trans-1,3-Dichloropropene-	7.85	79	46092	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
47) 2-Hexanone-d5	8.31	63	87626	90.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.07%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	133895	41.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	98910	40.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.20%

Target Compounds

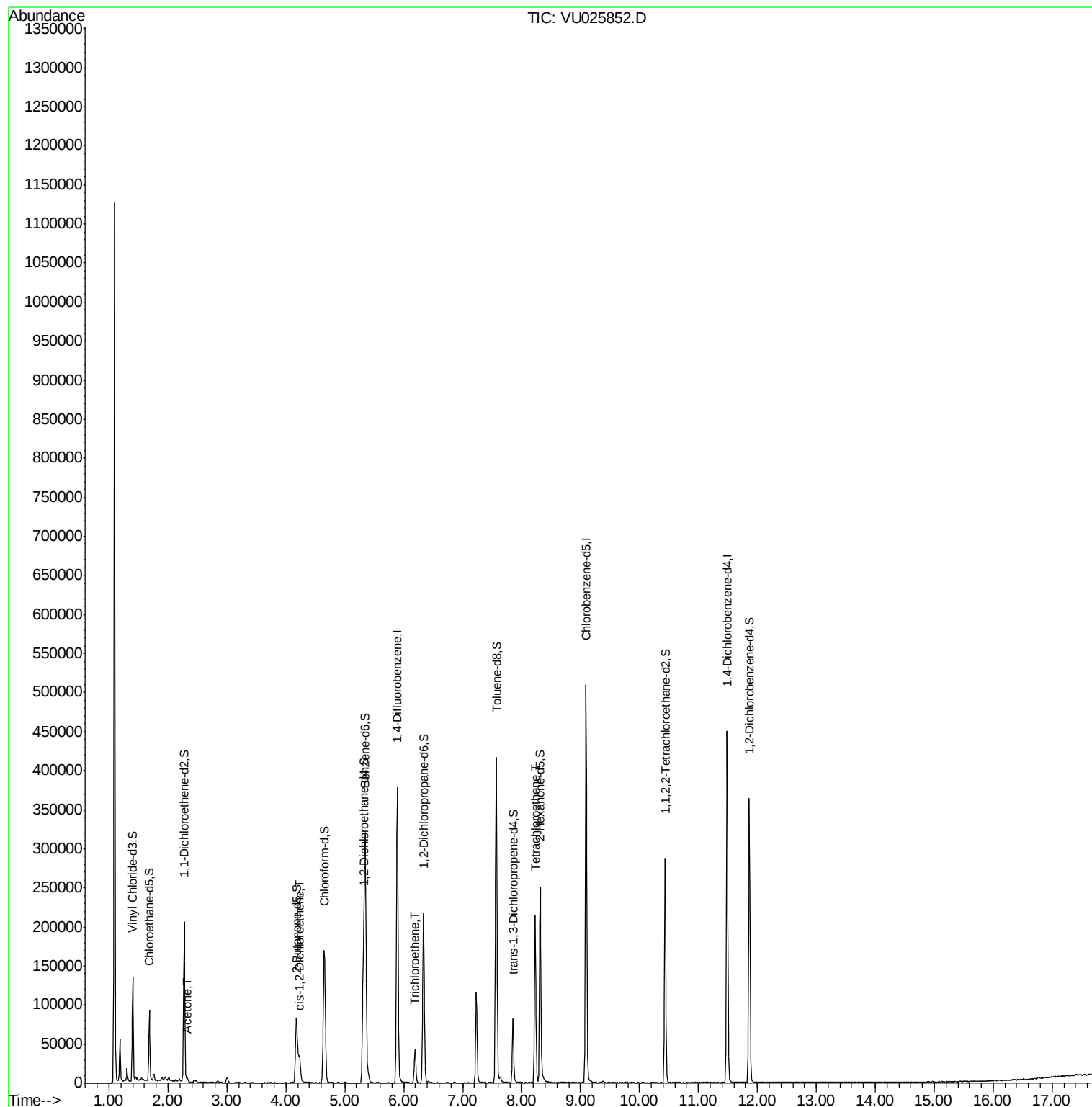
					Ovalue
13) Acetone	2.32	43	4784	2.93 ug/L	96
20) cis-1,2-Dichloroethene	4.23	96	15780	6.82 ug/L	91
34) Trichloroethene	6.19	95	14834	6.92 ug/L	98
46) Tetrachloroethene	8.23	164	48334	26.01 ug/L	95

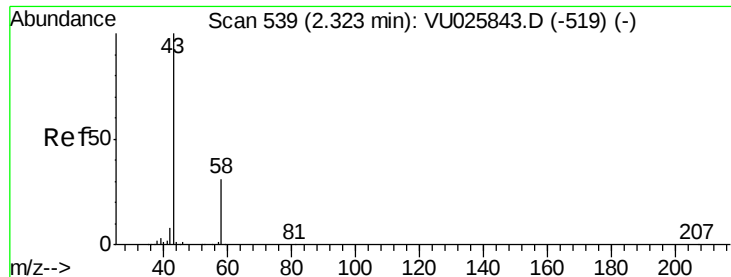
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.93 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025852.D

Acq: 04 Aug 2018 04:31

Instrument :

MSVOA_U

ClientSampled :

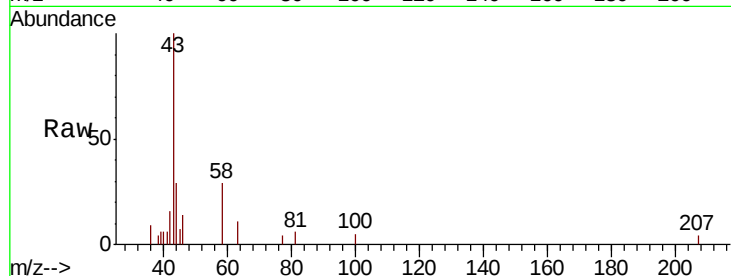
E5F88

Tot Ion: 43 Resp: 4784

Ion Ratio Lower Upper

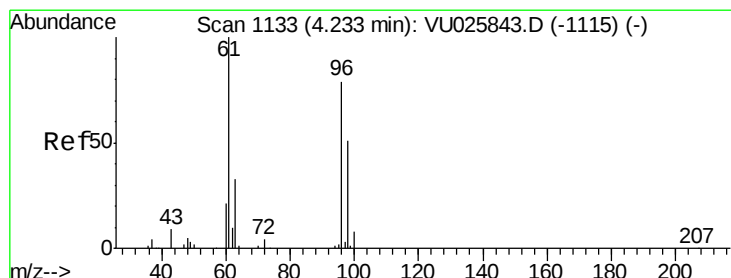
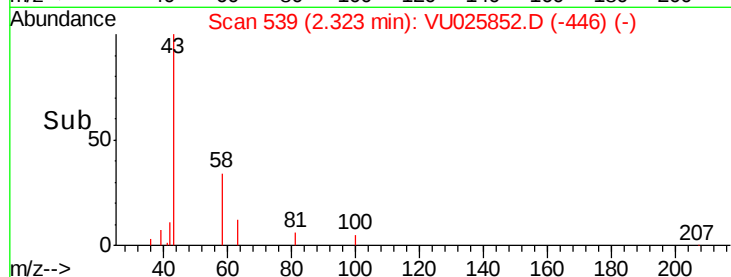
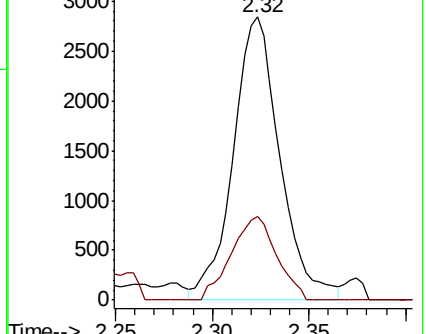
43 100

58 28.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 6.82 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025852.D

Acq: 04 Aug 2018 04:31

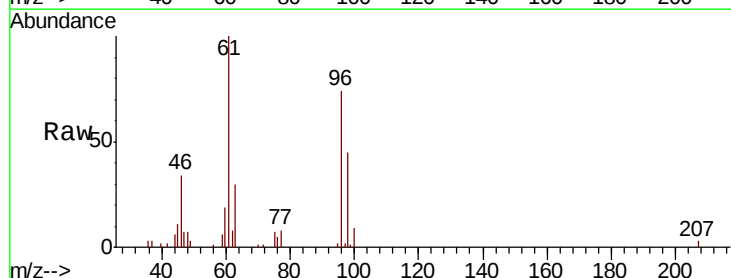
Tgt Ion: 96 Resp: 15780

Ion Ratio Lower Upper

96 100

61 134.6 87.4 162.2

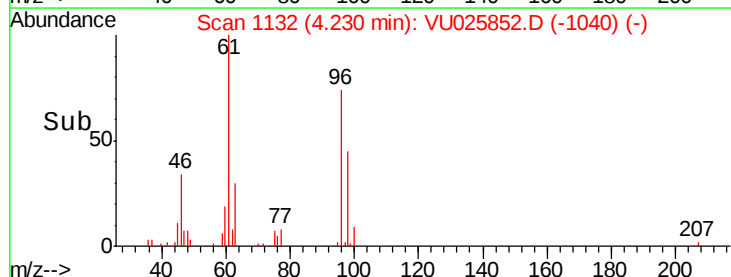
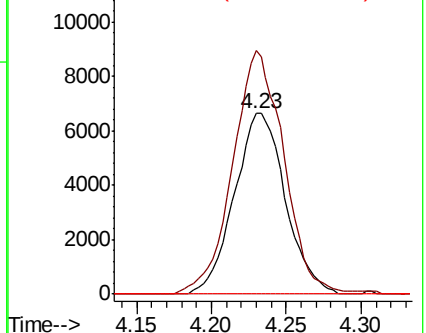
68 0.0 0.0 0.0

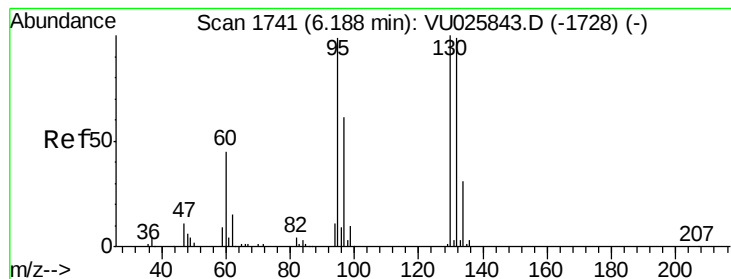


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 6.92 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025852.D

Acq: 04 Aug 2018 04:31

Instrument :

MSVOA_U

ClientSampleId :

E5F88

Tot Ion: 95 Resp: 14834

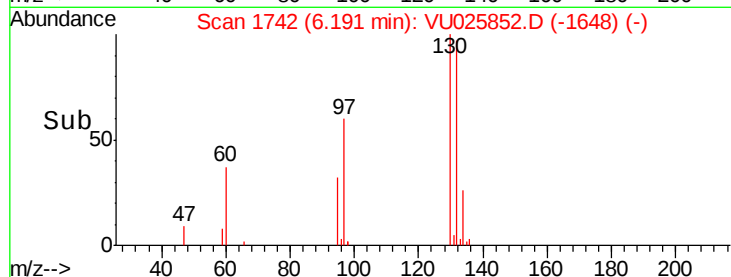
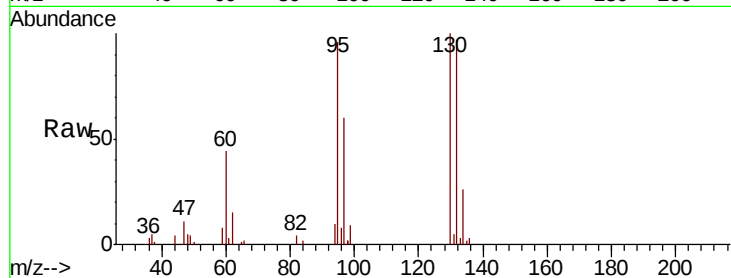
Ion Ratio Lower Upper

95 100

97 62.6 45.9 85.3

132 101.9 72.2 134.2

130 104.6 74.9 139.1

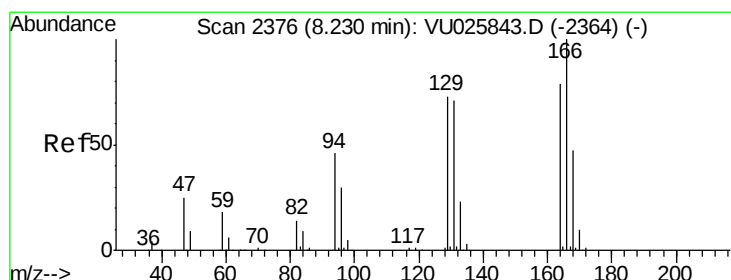
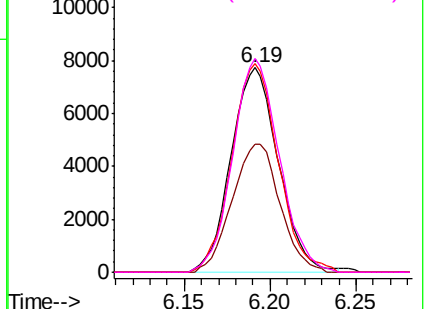


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 26.01 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025852.D

Acq: 04 Aug 2018 04:31

Tgt Ion:164 Resp: 48334

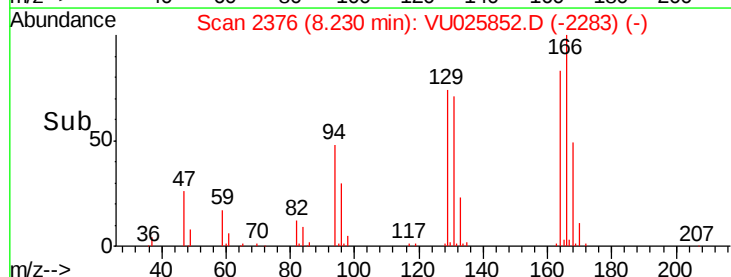
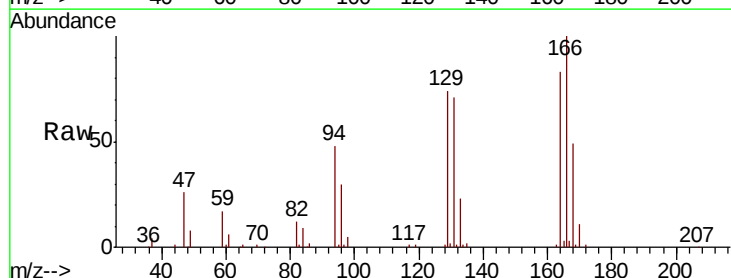
Ion Ratio Lower Upper

164 100

129 89.1 65.1 120.9

131 85.8 62.8 116.6

166 120.3 89.7 166.7



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

